TABLE 2

RATIO CALCULATIONS AND SHUTDOWN SUMMARY
MARCH 2012
MIDCO I AND II SITES
GARY, INDIANA

Parameter	Units	Midco I Site	Midco II Site	Deep Well Site
HP/UV flow rate[1]	gpm	OFF	OFF	
HP/UV operating lamps	count	OFF	OFF	
UV tube cleaning cycle	hours	OFF	OFF	
Hydrogen peroxide feed	ppm	OFF	OFF	
pH, inlet to HP/UV unit	pH units	OFF	OFF	
Extraction well flow rates as of 3-31-12				
EW-1	gpm	OFF	OFF	
EW-2	gpm	OFF	OFF	
EW-3	gpm	OFF	OFF	
EW-4	gpm	OFF	OFF	
EW-5	gpm	OFF	N/A	
EW-6	gpm	OFF	OFF	
EW-7	gpm	OFF	OFF	
MW-3D	gpm	OFF	N/A	
MW-5D	gpm	OFF	N/A	
MW-6D	gpm	OFF	N/A	
Extraction well flow rates necessary for capture[2]				
EW-1	gpm	6.4	13.0	
EW-2	gpm	6.4	13.0	
EW-3	gpm	N/A	16.9	
EW-4	gpm	1.0	8.0	
EW-5	gpm	N/A	N/A	
EW-6	gpm	1.7	5.7	
EW-7	gpm	6.4	9.1	
Range of detections from field gas chromatograph				
Methylene chloride	µg/L	N/A	N/A	
Vinyl chloride	µg/L	N/A	N/A	
Treatment operating flow rate less tube cleaning	gpm	31.4 to 36.3	49.8 to 59.7	
Total treated water volume[3]	gallons	0	0	0
Design average flow rate[4]	gpm	28.0	50.6	78.6
Month duration and operating time for average monthly flow rate calculation	days	31	31	
	minutes	44,640	44,640	
Non-GWETS-related shutdowns (pages 2 & 3)	minutes	0	0	
Annulus & pipeline testing shutdowns	minutes	0	0	
Operating time for average monthly operating flow rate calculation	minutes	44,640	44,640	
GWETS-related shutdown - scheduled & non-scheduled (see pages 2 and 3)	minutes	0	0	
Operation time excluding all shutdowns	minutes	44,640	44,640	
Average monthly operating flow rate[5]	gpm	0.0	0.00	0.00
% average monthly operating flow rate to design average flow rate	%	0.0%	0.0%	0.0%
Average monthly flow rate[6]	gpm	0.0	0.00	0.00
% average monthly flow rate to design average flow rate	%	0.0%	0.0%	0.0%
Waste materials stored on-site for off-site disposal				
Spent filters	cubic yards	17	12	
Anticipated off-site shipment week of		May 26, 2012	May 26, 2012	
Waste shipments this month		None	None	
Filter cake	cubic yards	N/A	3	
Anticipated off-site shipment week of		N/A	May 26, 2012	
Waste shipments this month		N/A	None	
Other wastes:		None	None	
Anticipated off-site shipment week of		N/A	N/A	
Waste shipments this month		None	None	

Key:

HP/UV = Hydrogen peroxide/ultraviolet light
GWETS = Ground water extraction and treatment system
gpm = Gallons per minute
µg/L = Micrograms per liter
N/A = Not applicable

Notes:

[1] HP/UV flow rate is the process water flow rate that goes through the HP/UV.
[2] Extraction wells EW-3 and EW-5 at the Midco I Site are used for dewatering purposes only.
[3] Total treated water volume is obtained from the site treated water flow totalizer.
[4] Design average flow rate is the model-predicted flow rates of 21.0 or 50.6 gpm, respectively for the Midco I and Midco II Sites. The design average flow rates changed on February 24, 2003 from 24.5 to 50.6 gpm for Midco II. The Midco I design average flow rate varies between 21 and 28 gpm, based on dewatering.
[5] Average monthly operating flow rate is the total treated water volume divided by the operating time excluding all non-GWETS-related shutdowns. This value is different from the HP/UV flow rate because of the flow recycled during the tube cleaning.
[6] Average monthly flow rate is the totalized volume of treated water divided by the number of minutes for that month.